



FortiAP 5.6.1 Release Notes

VERSION 5.6.1

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TABLE OF CONTENTS

Change Log	4
Introduction	5
Supported models	5
What's new in FortiAP 5.6.1	5
Upgrade Information	6
Upgrading from FortiAP version 5.6.0	6
Downgrading to previous firmware versions	6
Firmware image checksums	6
Supported Upgrade Paths	6
Product Integration and Support	7
FortiAP 5.6.1 support	7
Resolved Issues	8
Known Issues	9

Change Log

Date	Change Description
September 14, 2017	Initial release.

Introduction

This document provides the following information for FortiAP version 5.6.1:

- [Supported models](#)
- [What's new in FortiAP 5.6.1](#)
- [Upgrade Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

For more information on upgrading your FortiAP device, see the *FortiWiFi and FortiAP Configuration Guide* in the [Fortinet Document Library](#).

Supported models

FortiAP version 5.6.1 supports the following models:

Model support

Model	Build
FAP-11C, FAP-14C, FAP-21D, FAP-24D, FAP-25D, FAP-112D, FAP-221C, FAP-222C, FAP-223C, FAP-224D, FAP-320C, FAP-321C	0476

What's new in FortiAP 5.6.1

The following is a list of new features and enhancements in FortiAP version 5.6.1:

FortiGate WiFi controller can record system event logs for admin login and logout activities on managed FortiAP units.

Local-standalone SSID using WPA2-Enterprise and RADIUS authentication can support customization of RADIUS port number.

The following region and country code adjustments have been made:

- Grenada belongs to region "N".
- Thailand belongs to region "V".
- More 5GHz channels (36, 40, 44, 48, and 52) become configurable in region "T".
- FAP-221C-U is certified for DFS channels.

Upgrade Information

Upgrading from FortiAP version 5.6.0

FortiAP 5.6.1 supports upgrading from 5.6.0.

Downgrading to previous firmware versions

FortiAP 5.6.1 supports downgrading to 5.6.0.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in select *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Supported Upgrade Paths

To view all previous FortiAP versions, build numbers, and their supported upgrade pathways, see the following Fortinet Cookbook link:

<http://cookbook.fortinet.com/supported-upgrade-paths-fortiap/>

Product Integration and Support

FortiAP 5.6.1 support

The following table lists FortiAP version 5.6.1 product integration and support information.

FortiAP 5.6.1 support

Web Browsers	<ul style="list-style-type: none">• Microsoft Internet Explorer version 11• Mozilla Firefox version 41• Google Chrome version 47• Safari 8 Other web browsers may function correctly, but are not supported by Fortinet.
FortiOS	5.6.1 and later
FortiExplorer (Windows/MAC)	2.6.0 (model FAP-11C only)
FortiExplorer Lite (iOS)	2.1.0 (models FAP-11C, 21D, 24D, 112D, and 320C only)

Resolved Issues

The following issues have been fixed in version 5.6.1. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
371591, 434163	SSID on FortiAP became stuck in INIT state and stopped working sometimes.
411649	In Mesh-Ethernet bridge set up, downlink traffic (from root AP to leaf AP) was blocked.
421843	Fixed a mesh connection issue on DFS channel when mesh-backhaul SSID broadcast is disabled.
437220, 442868	Fixed multiple issues in CMCC captive-portal authentication.
438199	Fixed low TX power issue of FAP-24D-N being used in Australia and New Zealand.
416536	Fixed client disconnection issue on local-bridging WPA2-Enterprise SSID when FortiGate has enabled HA "1+1" fast failover.
446980	Fixed low Tx power issue of FAP-222C-S in China.
438891	802.11ac radio of FAP could not get signal strength of connected WiFi clients.

Common vulnerabilities and exposures

FortiAP 5.6.1 is no longer vulnerable to the following CVE Reference:

- CVE-2016-7406
- CVE-2016-7407
- CVE-2016-7408
- CVE-2016-7409
- CVE-2016-10229
- CVE-2017-13077
- CVE-2017-13078
- CVE-2017-13079
- CVE-2017-13080
- CVE-2017-13081
- CVE-2017-13082

Visit <https://fortiguard.com/psirt> for more information.

Known Issues

The following issues have been identified in version 5.6.1. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
300081	FortiAPs may encounter high CPU usage intermittently after a FortiGate wireless controller pushes a local-authentication virtual AP (VAP) configuration to them.
245323	Spectrum analysis may result in high CPU usage on some FortiAP models including the FAP-221B, FAP-223B, and FAP-221C.
236312	Split-tunneling SSIDs do not support VLANs.



High Performance Network Security



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